Unit 7 Lesson 1 & 2 Review

Name: Key

Find Someone Who....

Directions:

1. Solve *at least* one equations in each row by yourself. Show all steps of your work.
2. Find someone in the class who can correctly answer each of the problems you solved and have them sign off on it being correct. Stop and have a conversation/correct your work if your answer is wrong.
   * you may only use a person once, so you must talk to at least 4 people
3. Finish the rest of the problems.

$-6x + 15 = 3$ $+15 \quad -15$ $-6x = -12$ $x = 2$	$c/4 + 10 = 22$ $-10 \quad -10$ $\frac{c}{4} = 12$ $c = 48$	$8 - 3y = 14$ $-8 \quad -8$ $-3y = 6$ $y = -2$
x _____	x _____	x _____
$6 - 2y - y = 12$ $6 - 3y = 12$ $-6 \quad -6$ $-3y = 6$ $y = -2$	$7m - 3m - 6 = 6$ $4m - 6 = 6$ $4m = 12$ $m = 3$	$2c + c + 12 = 78$ $3c + 12 = 78$ $-12 \quad -12$ $3c = 66$ $c = 22$
x _____	x _____	x _____
$-2(5 + 6x) + 16 = -90$ $-10 + (-12x) + 16 = -90$ $-12x + 6 = -90$ $-6 \quad -6$ $-12x = -96$ $x = +8$	$3(2x + 1) + x = -39$ $6x + 3 + x = -39$ $7x + 3 = -39$ $7x = -42$ $x = -6$	$-3m + 7 - 2(2m) = 42$ $-3m + 7 - 4m = 42$ $-7 \quad -7$ $-7m = 35$ $m = -5$
x _____	x _____	x _____
True/False and PROVE The solution is n = 2 for $-(n + 7) = 9$ $-(2+7) = 9$ $-9 = 9$ NO	True/False and PROVE The solution is x = -11 for $-2(3x - 5) - 4(x + 6) - 10x + 2(3x) = 5(28)$ 140 $-2(-33-5) - 4(-11+6) - 10(-11) + 2(3 \cdot -11) =$ $-2(-38) - 4(-5) + 110 + 2(-33)$ $76 + 20 + 110 + (-66)$ $10 + 20 + 110 = 140$ TRUE	
x _____	x _____	

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